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# REPORT

ON THE

## PUBLIC HEALTH

OF THE

URBAN DISTRICT OF BUSHEY

URBAN DISTRICT OF CHORLEYWOOD

URBAN DISTRICT OF RICKMANSWORTH

RURAL DISTRICT OF WATFORD

IN THE COUNTY OF

HERTFORD

By

WILLIAM HARVEY, M.D., B.Ch., D.P.H.

MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1939



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To

*The Chairman and Members of the:*

Urban District Council of Bushey,

Urban District Council of Chorleywood,

Urban District Council of Rickmansworth,

Rural District Council of Watford.

LADIES AND GENTLEMEN,

I have the honour to present my annual reports on the state of the Public Health, and, the reports by the Inspectors on the Sanitary Conditions, in the Districts during the year 1939.

The state of the Public Health during the year was satisfactory in spite of the large movements in the population on the outbreak of war. The total number of cases of Scarlet Fever in the area was 122, as compared with 67 in the previous year, but the increase can be discounted from a district point of view as it was due to an outbreak in a large residential school. There were 23 cases of Diphtheria—2 less than the previous year.

The Registrar-General's estimates of the populations were made at the middle of the year, and consequently do not show the increases due to evacuation, although these increases are taken into account in the calculation of mortality-rates. The crude death rates for the Districts are appreciably below that for the whole of England and Wales: decreases in Bushey and Chorleywood, and increases in Rickmansworth and Watford Rural, in both cases small in amount, are recorded. The birth-rates, except in the case of Rickmansworth, are below the rate for the whole country.

Facilities are readily available in each District for the immunization against Diphtheria of children under the age of 15 years. It is pointed out that the best age for immunization is about the age of 1 year when the protection given will carry the child safely through the early and most susceptible period of its life.

The reception of the mothers and children evacuated from other areas was handled in an efficient and sympathetic manner; and, by the end of the year an improvement in their health and general condition was noticeable.

I am,

· Your obedient servant,

WILLIAM HARVEY.

Birth-rates, Death-rates, Analysis of Mortality,  
Maternal Death-rates, and Case-rates for certain  
Infectious Diseases in the year, 1939.

England and Wales, London.  
126 Great Towns and 148  
Smaller Towns.

(Provisional Figures based on Weekly and Quarterly Returns.)

	England and Wales	126 County Boro's. and Great Towns including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Administrative County
	Rates per 1,000 Population.			
<b>Births :—</b>				
Live ... ..	15.0	14.8	15.6	12.3
Still ... ..	0.59	0.59	0.57	0.44
<b>Deaths :—</b>				
All Causes ... ..	12.1	12.0	11.2	11.9
Typhoid and Paratyphoid Fever ... ..	0.00	0.00	0.00	0.00
Smallpox ... ..	—	—	—	—
Measles ... ..	0.01	0.01	0.01	0.00
Scarlet Fever ... ..	0.01	0.00	0.00	0.00
Whooping Cough ... ..	0.03	0.03	0.02	0.03
Diphtheria ... ..	0.05	0.05	0.04	0.02
Influenza ... ..	0.21	0.19	0.20	0.18
<b>Notifications :—</b>				
Smallpox ... ..	0.00	—	—	—
Scarlet Fever ... ..	1.89	1.96	1.78	1.53
Diphtheria ... ..	1.14	1.21	1.16	1.98
Enteric Fever ... ..	0.04	0.03	0.04	0.03
Erysipelas ... ..	0.34	0.40	0.31	0.37
Pneumonia ... ..	1.02	1.21	0.89	0.99
	Rates per 1,000 Live Births.			
Deaths under 1 year of age ...	50	53	40	48
Deaths from Diarrhoea and Enteritis under 2 years of age ... ..	4.6	6.3	3.0	8.2
<b>Maternal Mortality :—</b>				
Puerperal Sepsis ... ..	0.77	} Not Available		
Others ... ..	2.16			
Total ... ..	2.93			
	Rates per 1,000 Total Births ( <i>i.e.</i> Live and Still)			
<b>Maternal Mortality :—</b>				
Puerperal Sepsis ... ..	0.74	} Not Available.		
Others ... ..	2.08			
Total ... ..	2.82			
<b>Notifications :—</b>				
Puerperal Fever ... ..	14.35	17.26	12.99	{ 3.31 14.22
Puerperal Pyrexia ... ..				



## General Provision of Health Services for the Area.

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*Medical Officer of Health*

WILLIAM HARVEY, M.D., B.Ch., D.P.H.

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### BUSHEY URBAN DISTRICT.

*Sanitary Inspector*

E. E. RYDER, Cert. R. San. Inst.,

M. Inst. M. and Cy. E. (Surveyor).

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### CHORLEYWOOD URBAN DISTRICT.

*Sanitary Inspector*

W. H. SCOTT, Associate R. San. Inst.,

M. Inst. M. and Cy. E. (Surveyor).

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### RICKMANSWORTH URBAN DISTRICT.

*Sanitary Inspector*

C. R. ALEXANDER, Cert. R. San. Inst.,

Cert. Insp. Meat and other Foods.

*Sanitary Inspector's Assistant*

A. J. ORCHARD.

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### WATFORD RURAL DISTRICT.

*Sanitary Inspector*

S. N. GRIGG, Cert. R. San. Inst.,

Cert. Insp. Meat and other Foods.

*Sanitary Inspector's Assistant*

F. REEVE,

Cert. S.I.B.

BUSHEY,  
URBAN DISTRICT.

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General Statistics.

Area (land and inland water). 3,866 acres.

Number of structurally separate dwellings occupied, 1st April,  
1939 : 3,420.

Rateable Value, 1st April, 1939 : £121,144.

Sum represented by rate of one penny : £484.

Vital Statistics.

**Population.**

1939	1938	1937	1936	1935	1931	1921
(Est.R-G). (a)	(Est.R-G).	(Est. R-G).	(Est. R-G).	(Est. R-G).	(Census on 1935 Area).	(Census).
12,930	12,550	12,420	12,490	12,290	11,635	8,088

Persons per acre, 1939 : 3.37.

**Births.**

Classification.

	Live Births.			Stillbirths.	
	M.	F.		M.	F.
TOTAL ...	85	83	...	2	4
Legitimate	78	82	...	2	4
Illegitimate	7	1	...	—	—

Birth Rate (live births per 1,000 of population).

1939	1938	1937	1936	1935	1934	1933	1932
13.0	11.9	12.1	11.4	11.5	13.4	11.4	13.6

**Infantile Mortality** (deaths of infants under 1 year).

Classification.

	M.	F.
TOTAL ... ..	7	1
Legitimate ... ..	6	1
Illegitimate ... ..	1	—

Infantile Mortality Rate (deaths under 1 year per 1,000 live births).

1939	1938	1937	1936	1935	1934	1933	1932
48	20	26	7	84	51	67	44

**Morbidity and Mortality in connection with Pregnancy and Childbirth.**

Puerperal Pyrexia : Notifications, 12\* ; Deaths, 0.

*\* Non-District Cases, vide p. 5.*

Other Puerperal Causes : Deaths, 3.

**Hospital Services.**

General.

Bushey Heath Hospital, Bushey. Beds, 36 (M., 10. F., 10 ; Cots, 12 ; Private Rooms, 3 ; Separation Room, 1). Operating Theatre ; Extern Theatre ; Radiological Section ; Dental Section ; Ultra-Violet Radiation ; Massage ; P.M. Room ; Mortuary.

Area served : Bushey and District.

Management : Voluntary Committee.

Special.

*Infectious Diseases.*

- (1) Joint Isolation Hospital, Tolpits Lane, Watford. The Urban District Council of Bushey is one of the five contributory authorities to the Watford and District Isolation Hospital.

Accommodation:—110 beds and cots (1 bed per 1,000) approximately, of the population in the area served). Operating Theatre. Disinfection building for bedding and clothes.

- (2) Small-pox Hospital, Cheshunt

*Maternity.*

The County Council is the Maternity and Child Welfare Authority for the District (County Medical Office, Hertford).

**The Causes of Death.**

The causes of death at all ages are classified on the following page according to the Abridged List of Causes based on the Fourth Decennial Revision of the Causes of Death by the International Commission, Paris, 1929. The list has been corrected for outward and inward transfers.

Areal Comparability Factor 1.10.

THE CAUSES OF DEATH 1939

					Males Females		DEATH-RATE			
All Causes					49	55	(Deaths per 1,000 of population)			
1	Typhoid and paratyphoid fevers	...	...	...	—	—	1939	...	...	7.9
2	Measles	...	...	...	—	—	1938	...	...	9.1
3	Scarlet Fever	...	...	...	—	—	1937	...	...	9.2
4	Whooping Cough	...	...	...	—	—	1936	...	...	8.2
5	Diphtheria	...	...	...	—	—	1935	...	...	9.5
6	Influenza	...	...	...	—	2	1934	...	...	8.6
7	Encephalitis Lethargica	...	...	...	—	—	1933	...	...	9.7
8	Cerebro-spinal Fever	...	...	...	—	—	1932	...	...	9.5
9	Tuberculosis of Respiratory System	...	...	...	3	1	1931	...	...	8.9
10	Other Tuberculous Diseases	...	...	...	—	—	1930	...	...	8.1
11	Syphilis	...	...	...	1	—	1929	...	...	11.0
12	General Paralysis of the Insane, Tabes dorsalis	...	...	...	—	—	1928	...	...	9.7
13	Cancer, Malignant Disease	...	...	...	6	8	1927	...	...	9.0
14	Diabetes	...	...	...	2	5	1926	...	...	6.7
15	Cerebral Haemorrhage, etc.	...	...	...	2	1				
16	Heart Disease	...	...	...	10	14				
17	Aneurysm	...	...	...	—	1				
18	Other Circulatory Diseases	...	...	...	2	3				
19	Bronchitis	...	...	...	5	2	England and Wales.			
20	Pneumonia (all forms)	...	...	...	1	1	1939	...	...	12.1
21	Other Respiratory Diseases	...	...	...	1	1	1938	...	...	11.6
22	Peptic Ulcer	...	...	...	—	—	1937	...	...	12.4
23	Diarrhoea, (under 2 years)	...	...	...	—	—	1936	...	...	12.1
	„ (2 years and over)	...	...	...	—	—	1935	...	...	11.7
24	Appendicitis	...	...	...	—	2	1934	...	...	11.8
25	Cirrhosis of Liver	...	...	...	—	1	1933	...	...	12.3
26	Other Diseases of Liver, etc.	...	...	...	—	—	1932	...	...	12.0
27	Other digestive diseases	...	...	...	1	—	1931	...	...	12.3
28	Acute and Chronic Nephritis	...	...	...	1	—	1930	...	...	11.4
29	Puerperal Sepsis	...	...	...	—	—				
30	Other puerperal Causes	...	...	...	—	3				
31	Congenital debility, premature birth, malformations, etc.	...	...	...	6	1				
32	Senility	...	...	...	—	2				
33	Suicide	...	...	...	—	2				
34	Other Violence	...	...	...	2	2				
35	Other Defined Causes	...	...	...	6	3				
36	Causes Ill-defined or Unknown	...	...	...	—	—				
Special Causes (included in No. 35 above)										
	Small-pox	...	...	...	—	—				
	Poliomyelitis	...	...	...	—	—				
	Polio-encephalitis	...	...	...	—	—				



TUBERCULOSIS.

New cases and Mortality during 1939, classified according to age, sex, and localization of disease.

Age Periods.	New Cases.				Deaths.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0 ... ..	—	—	—	—	—	—	—	—
1 ... ..	—	—	—	—	—	—	—	—
5 ... ..	—	1	1	—	—	—	—	—
10 ... ..	—	—	—	—	—	—	—	—
15 ... ..	1	2	—	—	1	—	—	—
20 ... ..	1	—	—	1	—	—	—	—
25 ... ..	3	3	—	—	1	—	—	—
35 ... ..	—	1	—	—	—	1	—	—
45 ... ..	—	—	—	—	—	—	—	—
55 ... ..	—	—	—	—	—	—	—	—
65 and upwards	—	—	—	—	1	—	—	—
Totals ...	5	7	1	1	3	1	—	—

Death-rate from Tuberculosis of the Respiratory System (Phthisis, Consumption).  
(per 1,000 of the population.)

1939.	1938.	1937.	1936.	1935.	1934.	1933.
0.31	0.16	0.56	0.16	0.24	0.4	0.4

Death-rate from other Tuberculous Diseases (systems other than respiratory).  
(per 1,000 of the population.)

1939.	1938.	1937.	1936.	1935.	1934.	1933.
0.0	0.16	0.0	0.08	0.08	0.0	0.0

Public Health (Prevention of Tuberculosis) Regulations, 1925.  
(Regulations relating to tuberculous employees in the milk trade).  
Action was not necessary under these regulations.

Public Health Act, 1925, Section 62.  
(Section relating to compulsory removal to hospital of tuberculous patients under certain circumstances).  
Action was not necessary under this section.

# NOTIFIED INFECTIOUS DISEASES

## excepting Tuberculosis

SEMI-ISOLATED COMMUNITIES. † Residential School and Institutional cases.

1939 Month.	Scarlet Fever.	Diphtheria.	Enteric Fever (T) Paratyphoid F (P) Para A (P.A) Para B (P.B)	Puerperal Pyrexia	Pneumonia.	Other Diseases, (see note on opposite page.
Jan.	1 (4)	3 (2)				
Feb.	8 (4) 1 (3)	1 (4)		1 (6)		
Mar.	12 (4)			1 (6)		R 1 (1)
April		3 (2)				
May		1 (4)				
June	5 (4)			3 (6)		
July				2 (6)		
Aug.				2 (6)		
Sept.	1 (4)			2 (6)		
Oct.	17 (4)			1 (6)		M 1 (6)
Nov.	7 (4)					
Dec.						
Total for Year	52	8		12		M 1 R 1
Admit'd to Hosp.	52	8		12		M 1 R 1

The numbers of cases are followed by figures in parentheses which refer to the communities affected.

† Population, 1939: 1,680. Ages: Infancy—18.

## NOTIFIED INFECTIOUS DISEASES excepting Tuberculosis

**DISTRICT.** Residential School and Institutional cases not included.

1939 Month.	Scarlet Fever.	Diphtheria.	Puerperal Pyrexia	Pneumonia.	Enteric Fever (T) Paratyphoid F (P) Para A (P.A) Para B (P.B)	Other Diseases. (see note + below).
Jan.	1					
Feb.	3					
Mar.	2	1				
April	4					
May	1					
June	2					M 1
July	3					
Aug.	2					
Sept.	2	1				
Oct.		1				
Nov.		1				
Dec.	2	2				
Total for Year	22	6		—		M 1
Admit'd to Hosp.	19	6		—		

†Letters preceding the numbers denote the following diseases :—A, Cholera ; B, Plague ; D, Cerebro-Spinal Fever ; E, Acute Poliomyelitis ; F, Acute Polio-encephalitis ; G, Encephalitis Lethargica ; H, Typhus Fever ; I, Relapsing Fever ; L, Dysentery ; M, Ophthalmia Neonatorum ; N, Puerperal Pyrexia ; O, Malaria ; P, Paratyphoid Fever ; R, Erysipelas ; W, Small-pox.



## SANITARY CONDITIONS.

### Housing Statistics.

Number of dwelling-houses inspected for housing defects under Public Health or Housing Acts	...	...	...	...	...	...	...	20
---	-----	-----	-----	-----	-----	-----	-----	----

Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...	...	...	...	...	...	...	...	0
---	-----	-----	-----	-----	-----	-----	-----	---

Number of dwelling-houses (exclusive of those referred to under the preceding section) found not to be in all respects reasonably fit for human habitation	...	...	...	...	...	...	...	18
--	-----	-----	-----	-----	-----	-----	-----	----

Number of defective dwelling-houses rendered fit in consequence of action by the Local Authority	...	...	...	...	...	...	...	18
--	-----	-----	-----	-----	-----	-----	-----	----

Number of structurally separate dwellings erected during the year:

(1) By the Local Authority	...	...	...	...	...	...	...	0
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(2) By other bodies or persons	...	...	...	...	...	...	...	198
--------------------------------	-----	-----	-----	-----	-----	-----	-----	-----

### Administration of the Factories Act, 1937.

Inspections	...	...	...	...	...	...	...	...	22
-------------	-----	-----	-----	-----	-----	-----	-----	-----	----

Defects	...	...	...	...	...	...	...	...	0
---------	-----	-----	-----	-----	-----	-----	-----	-----	---

Notices	...	...	...	...	...	...	...	...	0
---------	-----	-----	-----	-----	-----	-----	-----	-----	---

### Water Supply.

The water supply of the District is adequate and chlorinated.

### Milk Supply.

Inspections	...	...	...	...	...	...	...	...	28
-------------	-----	-----	-----	-----	-----	-----	-----	-----	----

Notices	...	...	...	...	...	...	...	...	12
---------	-----	-----	-----	-----	-----	-----	-----	-----	----

### Disinfection (1) Disinfestation (2)

Number of cases (1) 27, (2) 7	...	...	...	...	...	...	Total	34
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### Public Cleansing.

Direct labour scheme. Vehicles employed—Two low-loading motor vehicles with metal covers and back sliding shutters. Disposal by Controlled Tipping.



CHORLEYWOOD,  
URBAN DISTRICT.

General Statistics.

Area (land and inland water). 2,055 acres.

Number of structurally separate dwellings occupied,  
1st April, 1939 : 1,132.

Rateable Value, 1st April, 1939 : £52,208.

Sum represented by a rate of one penny : £207.

Vital Statistics.

Population.

1939	1938	1937	1935	1931	1921
Est. R-G).	(Est. R-G).	(Est. R-G).	(Est. R-G).	(Census).	(Census).
(a)					
3,775	3,734	3,514	3,496	3,296	2,444

Persons per acre, 1939 : 1.9.

Births.

Classification.

	Live Births.			Stillbirths.	
	M.	F.		M.	F.
TOTAL ...	15	19	...	1	1
Legitimate	15	18	...	1	1
Illegitimate	—	1	...	—	—

Birth Rate.

1939	1938	1937	1936	1935	1934	1933
9.0	9.1	10.8	9.5	6.0	10.3	7.3

Infantile Mortality (deaths of infants under 1 year).

Classification.

					M.	F.
Total	...	...	...	...	1	—
Legitimate	...	...	...	...	1	—
Illegitimate	...	...	...	...	—	—

Infantile Mortality Rate (deaths under 1 year per 1,000 live births).

1939	1938	1937	1936	1935	1934	1933	1931
29	0	52	30	47	57	80	26.3

Morbidity and Mortality in connection with Pregnancy and Childbirth.

Puerperal Pyrexia : Notifications, 0 ; Deaths, 0.

Other Puerperal Causes : Deaths, 0.

Hospital Services.

Vide Page 4.

Areal Comparability Factor, 0.95.

THE CAUSES OF DEATH 1939

					DEATH-RATE			
					Males	Females	(Deaths per 1,000 of population)	
All Causes	...	...	...	...	18	21		
1 Typhoid and paratyphoid fevers	...			...	—	—	1939	9.6
2 Measles	...	...	...	...	—	—	1938	9.9
3 Scarlet Fever	...	...	...	...	—	—	1937	10.5
4 Whooping Cough	...	...	...	...	—	—	1936	9.7
5 Diphtheria	...	...	...	...	—	—	1935	7.7
6 Influenza	...	...	...	...	—	—	1934	10.3
7 Encephalitis Lethargica	...	...		...	—	—	1933	6.7
8 Cerebro-spinal Fever		...	...		—	—	1932	10.9
9 Respiratory Tuberculosis					—	—	1931	8.4
10 Other Tuberculosis Diseases			...		—	—	1930	6.9
11 Syphilis	...	...	...	...	—	—	1929	6.9
12 General Paralysis of the Insane, Tabes dorsalis	...	...	...		—	—	1928	9.1
13 Cancer, Malignant Disease	...	...		...	4	4	1927	9.0
14 Diabetes	...	...	...	...	1	—	1926	7.1
15 Cerebral Haemorrhage, etc.			...		1	4		
16 Heart Disease	...	...	...		5	4		
17 Aneurysm	...	...	...	...	—	—		
18 Other Circulatory Diseases			...		—	1		
19 Bronchitis	...	...	...	...	—	1		
20 Pneumonia (all forms)		...	...		2	3	England and Wales.	
21 Other Respiratory Diseases			...		—	—	1939	12.1
22 Peptic Ulcer	...	...	...		1	—	1938	11.6
23 Diarrhoea, etc. (under 2 years)	...			...	—	—	1937	12.4
,, (2 years and over)...					—	—	1936	12.1
24 Appendicitis	...	...	...		—	—	1935	11.7
25 Cirrhosis of Liver	...	...	...		—	—	1934	11.8
26 Other Diseases of Liver, etc.			...		—	—	1933	12.3
27 Other digestive diseases	...	...			1	1	1932	12.0
28 Acute and Chronic Nephritis			...		—	—	1931	12.3
29 Puerperal Sepsis	...	...	...		—	—	1930	11.4
30 Other puerperal Diseases	...	...			—	—		
31 Congenital debility, premature birth, malformations, etc.		...	...		1	—		
32 Senility	...	...	...	...	—	1		
33 Suicide	...	...	...	...	—	—		
34 Other Violence	...	...	...		—	1		
35 Other Defined Diseases	...	...			2	1		
36 Causes Ill-defined or Unknown	...				—	—		
Special Causes (included in No. 35 above)								
Small-pox	...	...	...		—	—		
Poliomyelitis	...	...	...		—	—		
Polio-encephalitis	...	...	...		—	—		

NOTIFIED INFECTIOUS DISEASES  
(excepting Tuberculosis)

DISTRICT. Residential School and Institutional cases are distinguished by figures in brackets.

1939 Month.	Scarlet Fever.	Diphtheria.	Puerperal Pyrexia	Pneumonia.	Enteric Fever (T) Paratyphoid F (P) Para A (P.A) Para B (P.B)	Other Diseases (see note † below).
Jan.						
Feb.						
Mar.						
April						
May		1 (3)				
June	1					
July						
Aug.						
Sept.	2					
Oct.	3					
Nov.	1					
Dec.						
Total for Year	7	1				
Admit'd to Hosp.	7	1				

† Letters preceding the numbers denote the following diseases :—A, Cholera ; B, Plague ; D, Cerebro-Spinal Fever ; E, Acute Poliomyelitis ; F, Acute Polioencephalitis ; G, Encephalitis Lethargica ; H, Typhus Fever ; I, Relapsing Fever ; L, Dysentery ; M, Ophthalmia Neonatorum ; N, Puerperal Pyrexia ; O, Malaria ; P, Paratyphoid Fever ; R, Erysipelas ; W, Small-pox.

Semi-Isolated Communities. Residential Schools and Institutions : Population, 1939, 74.



TUBERCULOSIS.

New cases and Mortality during 1939, classified according to age, sex, and localization of disease.

Age Periods.			New Cases.				Deaths.			
			Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
			M.	F.	M.	F.	M.	F.	M.	F.
0	...	...	—	—	—	—	—	—	—	—
1	...	...	—	—	—	—	—	—	—	—
5	...	...	—	—	1	—	—	—	—	—
10	...	...	—	—	—	—	—	—	—	—
15	...	...	—	—	—	—	—	—	—	—
20	...	...	—	—	—	—	—	—	—	—
25	...	...	—	—	—	—	—	—	—	—
35	...	...	1	—	—	—	—	—	—	—
45	...	...	1	—	—	—	—	—	—	—
55	...	...	—	—	—	—	—	—	—	—
65 and upwards			—	—	—	—	—	—	—	—
Totals	...		2	—	1	—	—	—	—	—

Death-rate from Tuberculosis of the Respiratory System (Phthisis, Consumption)  
(per 1,000 of the population.)

1939	1938	1937	1936	1935	1934	1933	1932
0.0	0.27	0.85	0.29	0.29	0.0	0.9	1.2

Death-rate from other Tuberculosis (systems other than respiratory)  
(per 1,000 of the population)

1939	1938	1937	1936	1935	1934	1933	1932
0.0	0.0	0.28	0.0	0.0	0.0	0.0	0.0

Public Health (Prevention of Tuberculosis) Regulations, 1925.  
(Regulations relating to tuberculous employees in the milk trade).  
Action was not necessary under these regulations.

Public Health Act, 1925, Section 62.  
(Section relating to compulsory removal to hospital of tuberculous patients under certain circumstances).  
Action was not necessary under this section.



SANITARY CONDITIONS.

Housing Statistics.

Number of dwelling-houses inspected for housing defects under Public Health or Housing Acts	...	...	...	...	...	4
Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...	...					1
Number of dwelling-houses (exclusive of those referred to under the preceding section) found not to be in all respects reasonably fit for human habitation	...	...	...	...	...	1
Number of defective dwelling-houses rendered fit in consequence of action by the Local Authority	...	...	...	...	...	1
Number of structurally separate dwellings erected during the year:						
(1) By the Local Authority	...	...	...	...	...	0
(2) By other bodies or persons	...	...	...	...	...	29

Administration of the Factories Act, 1937.

Inspections	...	...	...	...	...	...	...	10
Defects	...	...	...	...	...	...	...	0
Notices	...	...	...	...	...	...	...	0

Water Supply.

The water supply of the District is adequate and chlorinated.

Milk Supply.

Inspections	...	...	...	...	...	...	...	10
Notices	...	...	...	...	...	...	...	0

Disinfection (1) Disinfestation (2)

Number of cases (1) 7, (2) 0	...	...	...	Total	7
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Public Cleansing.

Contract Scheme. Vehicles employed—One motor vehicle with hinged metal covers. Disposal by Controlled Tipping.

RICKMANSWORTH,  
URBAN DISTRICT.

General Statistics.

Area (land and inland water). 7,639 acres.

Number of structurally separate dwellings occupied,  
1st April, 1939 : 5,700.

Rateable Value, 1st April, 1939 : £199,915.  
Sum represented by rate of one penny : £768.

Vital Statistics.

Population.

1939	1938	1937	1936	1935	1931	1921
(Est. R-G). (a)	(Est. R-G).	(Est. R-G).	(Est. R-G).	(Est. R-G).	(Census).	(Census)
19,930	18,700	17,430	15,300	13,390	10,810	7,510

Persons per acre, 1939 : 2.73.

Births.

*Classification.*

			Live Births.					Stillbirths.	
			M.	F.				M.	F.
TOTAL	...		196	179	...			8	9
Legitimate	...		195	173	...			8	9
Illegitimate	...		1	6	...			—	—

*Birth Rate* (live births per 1,000 of population).

1939	1938	1937	1936	1935	1934	1933	1932
18.8	20.1	17.9	16.3	16.7	13.9	16.8	13.1

**Infantile Mortality** (deaths of infants under 1 year).

*Classification.*

					M.	F.
TOTAL	...	...	...	...	6	6
Legitimate	...	...	...	...	6	5
Illegitimate	...	...	...	...	—	1

*Infantile Mortality Rate* (deaths under 1 year per 1,000 live births).

1939	1938	1937	1936	1935	1934	1933	1932
32	21	32	16	27	43	64.2	76.4

**Morbidity and Mortality in connection with Pregnancy and Childbirth.**

Puerperal Pyrexia : Notifications, 2 ; Deaths, 0.

Other Puerperal Diseases : Deaths, 0.

**Hospital Services.**

General.

Watford and District General Hospital.

Special.

*Infectious Diseases.*

- (1) Isolation Hospital, Tolpits Lane, Watford. The Urban District Council of Rickmansworth is one of the five contributing authorities to the Watford and District Isolation Hospital. *Vide* Bushey report.
- (2) Small-pox Hospital, Cheshunt.

*Maternity.*

The County Council is the Maternity and Child Welfare Authority for the District (County Medical Office, Hertford).

**The Causes of Death.**

The causes of death at all ages are classified on the following page according to the Abridged List of Causes based on the Fourth Decennial Revision of the Causes of Death by the International Commission, Paris, 1929. The list has been corrected for outward and inward transfers.

Areal Comparability Factor 1.01.

THE CAUSES OF DEATH 1939

						DEATH-RATE					
						(Deaths per 1,000 of population)					
						Males	Females				
All Causes ... ..						92	85	1939	...	...	8.5
1	Typhoid and paratyphoid fevers ...					—	—	1938	...	...	7.7
2	Measles ... ..					—	—	1937	...	...	6.7
3	Scarlet Fever ... ..					—	—	1936	...	...	8.6
4	Whooping Cough ... ..					—	—	1935	...	...	10.0
5	Diphtheria ... ..					—	—	1934	...	...	9.2
6	Influenza ... ..					—	1	1933	...	...	11.1
7	Encephalitis Lethargica ... ..					—	—	1932	...	...	10.4
8	Cerebro-spinal Fever ... ..					—	—	1931	...	...	10.1
9	Respiratory Tuberculosis ... ..					4	2	1930	...	...	9.3
10	Other Tuberculosis ... ..					1	2	1929	...	...	11.9
11	Syphilis ... ..					—	—	1928	...	...	9.6
12	General Paralysis of the Insane, Tabes dorsalis ... ..					—	—	1927	...	...	8.9
13	Cancer, Malignant Disease ... ..					10	18	1926	...	...	8.5
14	Diabetes ... ..					2	—				
15	Cerebral Haemorrhage, etc. ...					1	4				
16	Heart Disease ... ..					23	26				
17	Aneurysm ... ..					1	—				
18	Other Circulatory Diseases ...					9	5	England and Wales.			
19	Bronchitis ... ..					3	2	1939	...	...	12.1
20	Pneumonia (all forms) ... ..					2	1	1938	...	...	11.6
21	Other Respiratory Diseases ...					1	—	1937	...	...	12.4
22	Peptic Ulcer ... ..					3	1	1936	...	...	12.1
23	Diarrhoea, etc. (under 2 years) ...					2	—	1935	...	...	11.7
	,, (2 years or over) ... ..					—	—	1934	...	...	11.8
24	Appendicitis ... ..					5	1	1933	...	...	12.3
25	Cirrhosis of Liver ... ..					—	1	1932	...	...	12.0
26	Other Diseases of Liver, etc. ...					1	—	1931	...	...	12.3
27	Other digestive diseases ... ..					2	1	1930	...	...	11.4
28	Acute and Chronic Nephritis ...					—	—				
29	Puerperal Sepsis ... ..					—	—				
30	Other puerperal Diseases ... ..					—	—				
31	Congenital debility, premature birth, malformations, etc. ... ..					3	6				
32	Senility ... ..					4	5				
33	Suicide ... ..					1	1				
34	Other Violence ... ..					4	3				
35	Other Defined Diseases ... ..					10	5				
36	Causes Ill-defined or Unknown ...					—	—				
Special Causes (included in No. 35 above)											
	Small-pox ... ..					—	—				
	Poliomyelitis ... ..					—	—				
	Polioencephalitis ... ..					—	—				



## NOTIFIED INFECTIOUS DISEASES excepting Tuberculosis

Residential School and Institutional Cases are distinguished by figures in brackets.

1939 Month.	Scarlet Fever.	Diphtheria.	Puerperal Pyrexia	Pneumonia	Enteric (T) Paratyphoid F (P) Para A (P.A) Para B (P.B)	Other Diseases. (see note † below).
Jan.	1	2	1			
Feb.	2					
Mar.						
April	5					R 2
May	3					R 2
June	3					
July	1					R 1
Aug.			1			
Sept.						
Oct.	2 2 (1)					
Nov.						R 3
Dec.	2					
Total for Year	21	2	2	—		R 8
Admit'd to Hosp.	19	2	—	—		R 1

†Letters preceding the numbers denote the following diseases:—A, Cholera ; B, Plague ; D, Cerebro-Spinal Fever ; E, Acute Poliomyelitis ; F, Acute Polioencephalitis ; G, Encephalitis Lethargica ; H, Typhus Fever ; I, Relapsing Fever ; L, Dysentery ; M, Ophthalmia Neonatorum ; N, Puerperal Pyrexia ; O, Malaria ; P, Paratyphoid Fever ; R, Erysipelas ; W, Small-pox.

TUBERCULOSIS.

New cases and Mortality during 1939, classified according to age, sex, and localization of disease.

Age Periods.	New Cases.				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0 ... ..	—	—	—	—	—	—	—	—
1 ... ..	—	—	—	—	—	—	1	—
5 ... ..	—	—	—	—	—	—	—	—
10 ... ..	—	—	—	—	—	—	—	1
15 ... ..	1	—	—	—	—	—	—	—
20 ... ..	—	—	—	—	2	—	—	—
25 ... ..	2	2	1	—	1	—	—	1
35 ... ..	—	—	—	—	—	2	—	—
45 ... ..	1	—	—	—	1	—	—	—
55 ... ..	—	—	—	—	—	—	—	—
65 and upwards	—	—	—	—	—	—	—	—
Totals ...	3	2	1	—	4	2	1	2

Death-rate from Tuberculosis of the Respiratory System (Phthisis, Consumption).

(per 1,000 of the population.)

1939	1938	1937	1936	1935
0.29	0.27	0.46	0.2	0.4

Death-rate from other Tuberculosis (systems other than respiratory).

(per 1,000 of the population.

1939	1938	1937	1936	1935
0.14	0.21	0.06	0.2	0.2

Public Health (Prevention of Tuberculosis) Regulations, 1925.

(Regulations relating to tuberculous employees in the milk trade.)

Action was not necessary under these regulations.

Public Health Act, 1925, Section 62.

(Section relating to compulsory removal to hospital of tuberculous patients under certain circumstances.)

Action was not necessary under this section.

SANITARY CONDITIONS.

Housing Statistics.

Number of dwelling-houses inspected for housing defects under Public Health or Housing Acts	...	...	...	...	...	87
Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...	...					0
Number of dwelling-houses (exclusive of those referred to under the preceding section) found not to be in all respects reasonably fit for human habitation	...	...	...	...	...	20
Number of defective dwelling-houses rendered fit in consequence of action by the Local Authority	...	...	...	...	...	18
Number of structurally separate dwellings erected during the year:						
(1) By the Local Authority	...	...	...	...	...	0
(2) By other bodies or persons	...	...	...	...	...	197

Administration of the Factories Act, 1937.

Inspections	...	...	...	...	...	...	...	16
Defects	...	...	...	...	...	...	...	2
Notices	...	...	...	...	...	...	...	1

Water Supply.

The water supply of the District is adequate and chlorinated.

Milk Supply.

Inspections	...	...	...	...	...	...	...	77
Notices	...	...	...	...	...	...	...	3

Disinfection (1) Disinfestation (2)

Number of cases (1) 31, (2) 11	...	...	...	Total	42
--------------------------------	-----	-----	-----	-------	----

Public Cleansing.

Direct labour scheme. Vehicles employed—Two 10 cubic yards vehicles with sliding metal covers, and one 15 cubic yards vehicle, rear loading. Disposal by controlled tipping. Efficient salvage scheme in operation since April, 1938.

Canal Boats, Inspection of

Number of boats inspected	...	...	...	...	...	53
Contraventions	...	...	...	...	...	6

WATFORD  
RURAL DISTRICT.

General Statistics.

*The following table gives the populations (local estimate, March, 1939), acreage, inhabited dwellings, and, rateable values, of the Civil Parishes forming the Rural District of Watford.*

		Local Estimate, March, 1939.	Acreage, April, 1939.	Separate dwellings occupied April, 1939.	Rateable Value, April, 1939.
					£
Abbots Langley C.P. ...		7,563	4,979	1,926	45,909
Aldenham C.P. ...	...	5,898	5,660	1,475	70,147
Sarratt C.P. ...	...	1,074	2,399	277	4,451
Watford R. C.P. ...		9,228	5,141	1,651	73,834
		—————	—————	—————	—————
R.D. (entire) ...	...	23,763	18,179	5,329	£194,341

Sum represented by rate of one penny (R.D.), £768.

Vital Statistics.

Population.

1939	1938	1937	1936	1935	1931
(Est. R-G.)	(Est. R-G.)	(Est. R-G.)	(Est. R-G.)	(Est. R-G.)	(Census)
20,280	19,240	18,420	17,510	16,280	18,129

Persons per acre, 1939: 1.06.



## Births.

*Classification.*

	Live Births.			Stillbirths.	
	M.	F.		M.	F.
TOTAL	152	130	...	3	3
Legitimate	148	122	...	3	2
Illegitimate	4	8	...	—	1

*Birth Rate* (live births per 1,000 of population).

1939	1938	1937	1936	1935	1934	1933	1931
13.9	14.3	13.3	14.0	14.2	13.7	13.8	13.0

**Infantile Mortality** (deaths of infants under 1 year).

*Classification.*

				M.	F.
TOTAL	...	...	...	8	8
Legitimate		...	...	7	8
Illegitimate		...	...	1	—

*Infantile Mortality Rate* (deaths under 1 year per 1,000 live births).

1939	1938	1937	1936	1935	1934	1933	1931
56	29	45	8	47	31	25	41

## Morbidity and Mortality in connection with Pregnancy and Childbirth.

Puerperal Pyrexia :    Notifications, 0 ;    Deaths, 0.

Other Puerperal Diseases : „ 0.

## Hospital Services.

*Vide Page 4.*

Areal Comparability Factor, 1.05.

THE CAUSES OF DEATH 1939

DEATH-RATE

					Males	Females	(Deaths per 1,000 of population)			
All Causes					86	102	1939	...	...	8.8
1	Typhoid and paratyphoid fevers				—	—	1938	...	...	7.9
2	Measles				—	—	1937	...	...	10.6
3	Scarlet Fever				—	—	1936	...	...	8.3
4	Whooping Cough				—	—	1935	...	...	8.7
5	Diphtheria				—	—	1934	...	...	8.6
6	Influenza				2	2	1933	...	...	10.3
7	Encephalitis Lethargica				—	—	1932	...	...	9.6
8	Cerebro-spinal Fever				—	—	1931	...	...	8.4
9	Tuberculosis of Respiratory System				4	4	1930	...	...	7.6
10	Other Tuberculous Diseases				1	—	1929	...	...	10.2
11	Syphilis				1	—	1928	...	...	8.3
12	General Paralysis of the Insane, Tabes dorsalis				—	1	1927	...	...	7.9
13	Cancer, Malignant Disease				10	17	1926	...	...	6.0
14	Diabetes				1	1				
15	Cerebral Haemorrhage, etc.				5	6				
16	Heart Disease				30	35				
17	Aneurysm				—	3				
18	Other Circulatory Diseases				5	5				
19	Bronchitis				—	3	England and Wales.			
20	Pneumonia (all forms)				—	4	1939	...	...	12.1
21	Other Respiratory Diseases				—	—	1938	...	...	11.6
22	Peptic Ulcer				1	—	1937	...	...	12.4
23	Diarrhoea, etc. (under 2 years)				—	—	1936	...	...	12.1
	,, (2 years and over)				—	—	1935	...	...	11.7
24	Appendicitis				—	—	1934	...	...	11.8
25	Cirrhosis of Liver				1	—	1933	...	...	12.3
26	Other Diseases of Liver, etc.				—	1	1932	...	...	12.0
27	Other digestive diseases				4	3	1931	...	...	12.3
28	Acute and Chronic Nephritis				—	2	1930	...	...	11.4
29	Puerperal Sepsis				—	—				
30	Other puerperal Diseases				—	—				
31	Congenital debility, premature birth, malformations, etc.				6	5				
32	Senility				4	2				
33	Suicide				—	—				
34	Other Violence				5	3				
35	Other Defined Diseases				6	5				
36	Causes Ill-defined or Unknown				—	—				
Special Causes (included in No. 35 above)										
	Small-pox				—	—				
	Poliomyelitis				—	—				
	Polioencephalitis				—	—				

TUBERCULOSIS.

New cases and Mortality during 1939, classified according to age, sex, and localization of disease.

Age Periods.			New Cases.				Deaths.			
			Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
			M.	F.	M.	F.	M.	F.	M.	F.
0	...	...	—	—	—	—	1	—	—	—
1	...	...	—	1	—	—	—	—	—	—
5	...	...	—	—	1	1	—	—	—	—
10	...	...	—	—	—	—	—	—	—	—
15	...	...	—	2	—	—	—	—	1	—
20	...	...	—	—	—	—	—	—	—	—
25	...	...	2	—	2	—	—	2	—	—
35	...	...	2	1	—	—	—	2	—	—
45	...	...	2	—	—	—	3	—	—	—
55	...	...	—	—	—	—	—	—	—	—
65 and upwards			1	—	—	—	—	—	—	—
Totals	...		5	4	3	1	4	4	1	—

Death-rate from Tuberculosis of the Respiratory System (Phthisis, Consumption)  
(per 1,000 of the population.)

1939.	1938.	1937.	1936.	1935.	1934.	1933.
0.37	0.1	0.32	0.40	0.43	0.23	0.4

Death-rate from other Tuberculosis (systems other than respiratory)  
(per 1,000 of the population.)

1939.	1938.	1937.	1936.	1935.	1934.	1933.
0.05	0.05	0.05	0.06	0.18	0.1	0.1

Public Health (Prevention of Tuberculosis) Regulations, 1925.  
(Regulations relating to tuberculous employees in the milk trade).  
Action was not necessary under these regulations.

Public Health Act, 1925, Section 62.  
(Section relating to compulsory removal to hospital of tuberculous patients under certain circumstances).  
Action was not necessary under this section.

NOTIFIED INFECTIOUS DISEASES  
excepting Tuberculosis

SEMI-ISOLATED COMMUNITIES.† Residential School and Institutional cases.

1939 Month.	Scarlet Fever.	Diphtheria.	Erysipelas.	Pneumonia.	Enteric Fever, Paratyphoid F (P) Para A (P.A) Para B (P.B)	Other Diseases. (See note on opposite page.)
Jan.						
Feb.						
Mar.	1 (8)			1 (3)		
April						
May						
June				2 (3)		
July	1 (8)			1 (3)		
Aug.						
Sept.						
Oct.						
Nov.	1 (8)					
Dec.	1 (8)		1 (1)			
Total for Year	4	—	1	4	—	
Admit'd to Hosp.	4	—	1	4	—	

The numbers of cases are followed by figures in parentheses which refer to the Communities affected.

† Population, 1939: 3,369.      Ages: All.



NOTIFIED INFECTIOUS DISEASES  
excepting Tuberculosis.

DISTRICT.      Residential School and Institutional cases not included.

1939 Month.	Scarlet Fever.	Diphtheria.	Puerperal Pyrexia	Enteric Fever. Paratyphoid F (P) Para A (P.A) Para B (P.B)	Pneumonia.	Other Diseases. (See note + below.)
Jan.	2					
Feb.			1			
Mar.						
April	1					
May	1					R 2
June	2					
July	2		1			
Aug.	1	1				R 2
Sept.	2	1		1		
Oct.						
Nov.	2	3		1		R 1
Dec.	3	1				
Total for Year	16	6	2	2	—	R 5
Admit'd to Hosp.	14	6	—	2	—	R 1

†Letters preceding the numbers denote the following diseases:—A, Cholera; B, Plague; D, Cerebro-Spinal Fever; E, Acute Poliomyelitis; F, Acute Polioencephalitis; G, Encephalitis Lethargica; H, Typhus Fever; I, Relapsing Fever; L, Dysentery; M, Ophthalmia Neonatorum; N, Puerperal Pyrexia; O, Malaria; P, Paratyphoid Fever; R, Erysipelas; W, Small-pox.

SANITARY CONDITIONS.

Housing Statistics.

Number of dwelling-houses inspected for housing defects under Public Health or Housing Acts	...	...	...	...	...	85
Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...	...					0
Number of dwelling-houses (exclusive of those referred to under the preceding section) found not to be in all respects reasonably fit for human habitation	...	...	...	...	...	13
Number of defective dwelling-houses rendered fit in consequence of action by the Local Authority	...	...	...	...	...	9
Number of structurally separate dwellings erected during the year :						
(1) By the Local Authority	...	...	...	...	...	0
(2) By other bodies or persons	...	...	...	...	...	229

Administration of the Factories Act, 1937.

Inspections	...	...	...	...	...	...	12
Defects	...	...	...	...	...	...	2
Notices	...	...	...	...	...	...	1

Water Supply.

The water supply of the District is adequate and chlorinated.

Milk Supply.

Inspections	...	...	...	...	...	...	49
Notices	...	...	...	...	...	...	4

Disinfection (1) Disinfestation (2)

Number of cases (1) 42, (2) 0	...	...	...	Total	42
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Public Cleansing.

Direct labour scheme in operation in nine-tenths of the District. Vehicles employed—Modern refuse collection vehicles of the following capacities in cubic yards, 5, 7, 10 (2). Disposal by Controlled Tipping.

Canal Boats, Inspector of

Number of boats inspected	...	...	...	...	9
Contraventions	...	...	...	...	0



